

Visit Mason

SECRET [REDACTED] ELEPOUCH

25X1A

DISP NO - [REDACTED] 69-0142

25X1A

DATE - 07 FEBRUARY 1969

TO - [REDACTED]
INFO - [REDACTED]
FROM - [REDACTED]

25X1A

SUBJECT - AMENDMENTS TO A/C AND POWER HOUSE EXPANSION CONTRACT -

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REF - A. DIRECTOR 60695

B. [REDACTED]
C. [REDACTED]

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1. REF B PARA 3 STATES THE DESIRABILITY OF REPLACING INCANDESCENT LIGHTING FIXTURES IN THE [REDACTED] OPERATING AREA WITH RF [REDACTED] FREE FLOURESCENT FIXTURES. FURTHER INVESTIGATION OF THE ILLUMINATION LEVELS IN ALL AREAS IN THE BUILDING REVEALS CLARING DEFICIENCIES NOT ONLY IN THE OPERATING AREA BUT IN THE OFFICES AND SHOP AREAS AS WELL. ILLUMINATION IN THE OFFICE AREAS VARIES FROM A LOW OF 9 FOOTCANDLES TO A HIGH OF 28 FOOTCANDLES WHILE THE SHOP AREA HAS AN AVERAGE OF ABOUT 33 FOOTCANDLES. THIS IS CONSIDERABLY LESS THAN RECOMMENDED FOR THE TYPES OF ACTIVITY IN THESE AREAS.

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2. FOR PRACTICAL REASONS CITED ABOVE AND IN REF B AND THE AESTHETIC VALUE OF HAVING THE SAME TYPE FIXTURES THROUGHOUT THE BUILDING IT WOULD BE HIGHLY DESIRABLE TO MAKE A COMPLETE REPLACEMENT OF ALL EXIS.ING FIXTURES IN THE BUILDING. THE NUMBER OF FIXTURES INVOLVED IS 60 FOR THE OPERATING AREA AND 88 FOR THE REST OF THE BUILDING FOR A TOTAL OF 148 4 X 40 UNITS. COMPLETE REPLACEMENT, IN ADDITIL.. TO CUTTING THE HEAT LOAD AND BRINGING THE ILLUMINATION LEVEL UP TO ACCEPTABLE STANDARDS, WOULD REDUCE THE LIGHTING LOAD BY SOME 13KW FOR AN ESTIMATED ANNUAL SAVING OF 1300 USD IN UTILITY CHARGES.

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